60" CLASS (59.8" MEASURED DIAGONALLY) 60PA550C

50" CLASS (49.9" MEASURED DIAGONALLY) 50PA550C

PLASMA TV

Plasma Widescreen Commercial HDTV

PUBLIC DISPLAY SETTINGS
cloning capable

EcoSmart™ - ENERGY SAVINGS
Intelligent Sensor - Automatic
3 Mode Power Saving Levels - Manual

NEW! TruSlim FRAME
Narrow Bezel (top & sides)

NEW! SLIM DEPTH

IMPROVED! DYNAMIC CONTRAST RATIO
3,000,000:1

NEW! TRIPLE XD ENGINE®

RESOLUTION UPSCALER

NATIVE DISPLAY RESOLUTION
1920 x 1080

600HZ SUB FIELD DRIVING

SUPER BLACK PANEL

SMART ENERGY SAVING

INTELLIGENT SENSOR

CLEAR VOICE II

PICTURE WIZARD II

BUILT-IN TUNER
ATSC/NTSC/Clear QAM

USB 2.0 MEDIA HOST
for photos and music

2 HDMI™ INPUTS WITH HDCP

+20°/-20° DETACHABLE SWIVEL STAND

2-YEAR LIMITED WARRANTY
(parts/labor)

ENERGY GUIDE

The estimated annual energy cost determined in accordance with 16 CFR Part 305.5 for models 60PA550C & 50PA550C are $35 & $21, respectively.

"Your energy cost depends on your utility rates and use. The estimated cost is based on 11 cents per kWh and 5 hours of use per day. For more information, visit www.ftc.gov/energy."[1]

[1]FTC Television labeling rule (18 CFR Part 305, as added by 76 Fed. Reg. 1038 (Jan 6, 2011)).

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LG
Life's Good

LG's ISFccc READY HDTVs CONTAIN THE DETAILED STANDARDS NECESSARY FOR PROFESSIONAL CALIBRATION OF BRIGHTNESS, CONTRAST, TINT, SHARPNESS, COLOR LEVELS AND MUCH MORE TO MEET LOCAL LIGHTING CONDITIONS FOR BOTH DAY AND NIGHTTIME VIEWING. SETTINGS ARE ADDED TO PRESET MODES FOR EASY ACCESS FROM YOUR LG REMOTE.

CLEAR VOICE II

BALANCED SOUND TO EMPHASIZE DIALOGUE CLEAR VOICE TECHNOLOGY AUTOMATICALLY ENHANCES DIALOGUE WHEN BACKGROUND SOUNDS SUCH AS THOSE IN AN ACTION SEQUENCE SWELL. ENHANCEMENTS MADE TO THE CLEAR VOICE TECHNOLOGY NOW ALLOW USERS TO CUSTOMIZE THEIR PERSONAL PREFERENCES BASED ON THEIR HOME ENVIRONMENT THROUGH A 12-STEP ADJUSTMENT PROCESS. THIS CALIBRATION PROCESS IS BASED ON DISTINCT VOICE ZOOM LEVELS SO AS TO MINIMIZE INTERFERENCE WITH SURROUNDING SOUNDS.

TruSlim Frame

PEEL AWAY THE OLD STANDARD FOR ULTRA SLIM FRAMING. MEASURING AT 0.59 INCHES WIDETHE NEW TRUSLIM FRAME TRIMS AWAY THE DISTRACTION OF A WIDE FRAME.

EcoSmart

green

ENERGY SAVINGS

INTELLIGENT SENSOR

LG's Intelligent Sensor automatically enhances picture quality which can help save energy and money. Unlike other sensors which can only sense brightness of ambient light, the Intelligent Sensor uses a 12-bit process to evaluate its surroundings for a more detailed adjustment.

THREE MODE POWER SAVING LEVELS

Manually select your choice for the brightness level for the television. By selecting Minimum, Medium, or Maximum, the power consumption will be reduced and an increase in energy savings can be achieved.

POWER SAVING MODE	Off	Minimum	Medium	Maximum
Power Consumption	100%	90%+/-10%	75%+/-10%	50%+/-10%

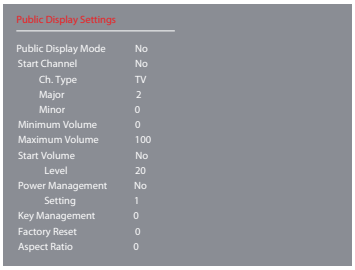
NOTES: Power consumption was measured internally and can vary.

600Hz Sub Field Driving

The PA550C Series uses 600Hz Sub-field Driving which reacts very quickly to the changes on screen making fast action motion clearer.

Dramatization

SUB-FIELD 1 SUB-FIELD 2 SUB-FIELD 3 SUB-FIELD 4 SUB-FIELD 5 SUB-FIELD 6 SUB-FIELD 7 SUB-FIELD 8 SUB-FIELD 9 SUB-FIELD 10



PUBLIC DISPLAY SETTINGS (v2.6)

When used in public areas, these HDTVs can be easily programmed by the installer to have the TV turn on at a specified channel/volume level, set the minimum/maximum volume, lock out the control panel/remote, set the aspect ratio, and return to a factory reset. By using Power Management, these displays can be programmed to turn off if there has been no activity (remote or control panel buttons) for a preset time (1-7) hours.

SD HD Resolution Upscaler

WITH RESOLUTION UPSCALER STANDARD DEFINITION CONTENT LIKE OLD MOVIES OR INTERNET VIDEOS CAN BE ENHANCED TO NEAR HD RESOLUTION PICTURE QUALITY.

600Hz Sub Field Driving

TIRED OF STREAKY ACTION OR UNCLEAR PLAYS DURING THE GAME? SEE SPORTS, FAST ACTION AND VIDEO GAMES LIKE NEVER BEFORE. THE 600Hz REFRESH RATE VIRTUALLY ELIMINATES MOTION BLUR.

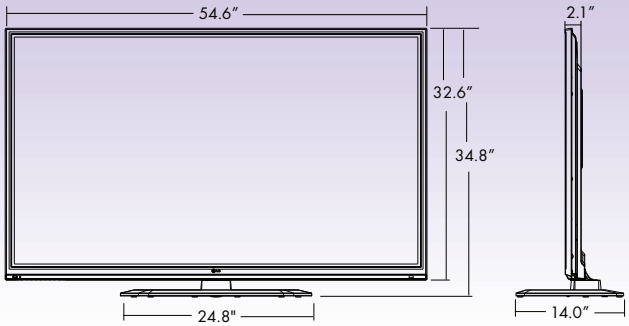
3,000,000:1 Contrast Ratio

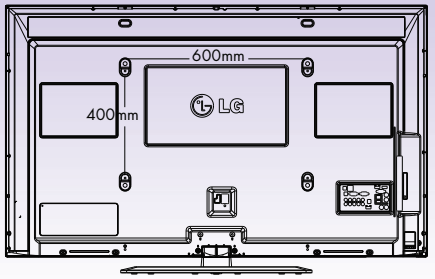
STUNNING DETAIL. NO MORE WORRYING ABOUT DARK SCENES OR DULL COLORS. THE MEGA CONTRAST RATIO OF 3,000,000:1 DELIVERS MORE STUNNING COLORS AND DEEPER BLACKS THAN YOU CAN IMAGINE

REMOTE CONTROL
(included)

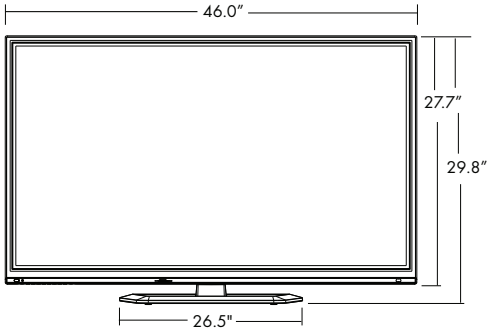
DIMENSIONS

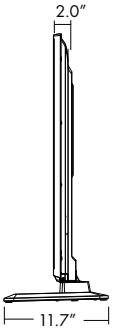
60PA550C

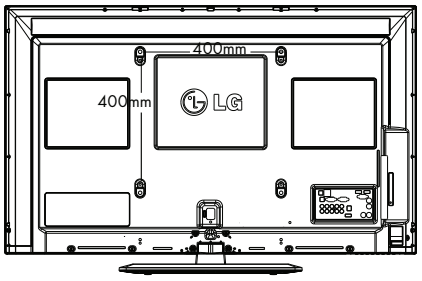




50PA550C

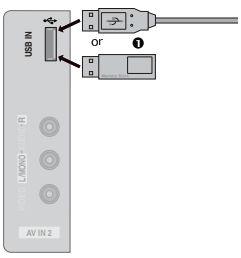




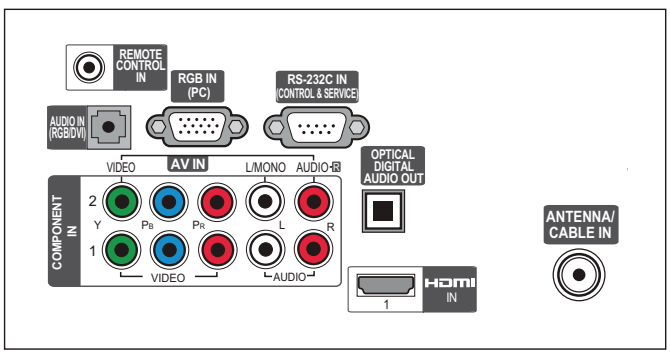


USB CLONING

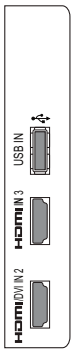
USB cloning will allow for easy transfer of Public Display Settings from the "Master TV" to an unlimited number of same type televisions.



REAR JACK PANEL



SIDE JACK PANEL



PLASMA TV

60PA550C — 60" CLASS (59.8" MEASURED DIAGONALLY)
50PA550C — 50" CLASS (49.9" MEASURED DIAGONALLY)

SPECIFICATIONS

PLASMA SPECIFICATIONS	
Screen Size	50" class (49.9" measured diagonally) 60" class (59.8" measured diagonally)
Native Display Resolution	1920 x 1080
Dynamic Contrast Ratio	3,000,000:1
Color Reproduction (Panel Output)	16 Bit
Life Span (typical)	100,000 Hours
Protective Skin Glass	Yes
ISM (Image Sticking Minimization)	Orbiter / Color Wash
600Hz Sub Field Driving	Yes (Max Sub Field Driving)
VIDEO	
Built-in tuner	ATSC/NTSC/Clear QAM - 1 Tuner
Triple XD Engine	Yes
Aspect Ratio	16:9
Aspect Ratio Correction	5 Modes (16:9 Just Scan, Set by Program, 4:3, Cinema Zoom)
Just Scan (1:1 Pixel matching) (0% overscan)	HDMI 1080p/1080i/720p Component 1080p/1080i/720p RF 1080i/720p
(3D/MPEG) Noise Reduction	Yes (High/Medium/Low/Off/Auto)
Digital Comb Filter	3D Comb Filter
Color Temperature Control	3 Modes (Warm, Medium, Cool)
Black Stretcher	Yes
Real Cinema 24p (3:3 Pulldown)	Yes (HDMI 1080 24p)
Cinema 3:2/2:2 Pull Down Mode	Yes
Resolution Upscaler	Yes (Black)
AV Mode II (Picture & Sound)	Yes (Cinema/Game/Off)
Picture Mode	7 Modes (Vivid, Standard, APS, Cinema, Game, ISF Expert, Expert 1, Expert 2)
Expert Mode (ISFccc Ready)	Yes
Intelligent Sensor Mode	Yes
xvYCC	Yes
DTV Signal Strength (Digital)	Yes
Color Reproduction (Chassis Output)	10 Bit
AUDIO	
Mono/Stereo/Dual (MTS/SAP)	Yes
Dolby Digital 5.1 Decoder	Yes
Speaker System	Invisible Speaker (1 Way 2 Speaker)
Audio Output (Watts - THD 10%)	10W + 10W
Virtual Surround	Yes
Bass/Treble/Balance	Yes
On Screen Equalizer	Yes
Auto Volume Leveler II	Yes
Clear Voice II	Yes
Sound Mode	5 Modes (Standard, Music, Cinema, Sports, Game)
Mute	Yes
SPECIAL FEATURES	
Intelligent Sensor	Yes
Picture Wizard II (2D/3D)	Yes
Smart Energy Saving	Yes
1080p Source Input	HDMI 60p/30p/24p Component 60p/30p/24p RGB 60p (WXGA)
A/V Input Navigation / EZ Input Toggle	Yes
Input Labeling	Yes
Screen Adjust/Auto (Manual)	Yes
Quick View (Flashback)	Yes
e-Streamer	Yes
Parental Control w/V-Chip	Yes
Rating (DTV)	Yes (by EPG)
Public Display Settings	Yes (V 2.6)
USB Cloning	Yes
Freeze Frame	Yes
Quick Setup Guide	Yes
Closed Caption	Yes
SimpLink™ (HDMI CEC)	Yes

CONVENIENCE FEATURES	
Language	4 (English/Spanish/French/Korean)
Auto Tuning / Programming	Yes
Channel Add/Delete	Yes
Favorite Channel Programming	Yes
Auto/Manual Clock	Yes
On/Off Timer	Yes
Sleep Timer	Yes
Auto Off/Auto Sleep	Yes
AV INPUTS/OUTPUTS	
RF In (Antenna/Cable)	1 (Rear)
AV In	1 (Rear)
Component Video In (Y, Pb, Pr) + Audio	2 (Rear)
Digital Audio Out (Optical)	1 (Rear)
HDMI/HDCP Input	2 (1 Side/1 Rear)
RGB In (D-sub 15pin) - PC	1 (Rear)
PC Audio Input	1 (Rear)
USB 2.0	1 (Side)
RS-232C In (Control & Service)	1 (Rear)
Remote Control In	1 (Rear)
CABINET/ACCESSORIES	
TruSlim Frame	Yes
Cabinet Color	Glossy Black
Slim Depth	Yes
Table Stand Included	Detachable (+20°/-20°) Swivel
VESA™ Compliant	600mm x 400mm (60") 400mm x 400mm (50")
Local Key Type	Touch Sensitive Keys
Invisible Speaker	Yes
Remote Control	Yes
Quick Setup Guide	Yes
Power Cord	Yes
POWER	
EcoSmart - Energy Savings	
Intelligent Sensor (auto)	Yes (automatic)
3 Mode Power Saving Levels	Yes (manual)
Voltage, Hz	100~240V, 50/60Hz
Power Consumption (IEC62087 dynamic broadcast-content video signal)	175W (60"), 102W (50")
On Mode (Average)	4.3A, 430W (60"), 2.9A, 290W (50")
Stand by Mode	0.2W
REQUIRED APPROVALS	
RoHS Compliant	Yes
EPA 5.3	Yes
UL, c-UL, FCC	Yes
OPERATING ENVIRONMENTS	
Storage Temperature Range	-4°F to 140°F (-20°C to 60°C)
Storage Humidity Range	Less than 85%
Altitude	Up to 9514 ft. (2900m)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Operating Humidity Range	Less than 80%

DIMENSIONS & WEIGHT		50PA550C	60PA550C
Dimensions	without Stand (W×H×D)	46.0" x 27.7" x 2.1"	54.6" x 32.6" x 2.1"
	with Stand (W×H×D)	46.0" x 29.8" x 11.7"	54.6" x 34.8" x 14.0"
	packaging (W×H×D)	52.4" x 32.2" x 9.0"	60.8" x 37.4" x 11.2"
Weight	without Stand	58.2 lbs	80.2 lbs
	with Stand	63.5lbs	89.5 lbs
	with packaging	76.1 lbs	106.0 lbs

SERVICE/LIMITED WARRANTY	
Limited Warranty	2 Year Panel/1 Year (Parts/Labor)
UPC	
50PA550C	7 19192 90387 6
60PA550C	7 19192 90388 3

LGsolutions.com

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Contact your LG Regional Sales Representative:
Channel: 800.897.8871
Hospitality: 800.228.1236
E-mail: info@LGsolutions.com

LG Life's Good

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